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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

10/07/2008

Licata & Tyrrell 66 East Main Street Marlton, NJ 08053 EXAMINER

COPPINS, JANET L

ART UNIT

PAPER NUMBER

1626

DATE MAILED: 10/07/2008

APPLICATION NO.			ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/590,549	08/23/2006	Hiroyuki Ohno	KUZ0034US.NP	9296	

TITLE OF INVENTION: NOVEL IMIDAZOLIUM COMPOUND

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/07/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7590 10/07/2008					Note: A certificate of mailing can only be used for domestic mailings Fee(s) Transmittal. This certificate cannot be used for any other accompa papers. Each additional paper, such as an assignment or formal drawing have its own certificate of mailing or transmission.					
Licata & Tyrro 66 East Main St Marlton, NJ 080		State addr	eby certify that thes Postal Service weeksed to the Mail	is Fee(ith suf Stop	e of Mailing or Trans s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the d	g deposited st class mai above, or	il in an envelope being facsimile			
									(Depositor's name)	
									(Signature)	
									(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	ГOR		ATTO	RNEY DOCKET NO.	CONFIR	MATION NO.	
10/590,549	08/23/2006	•	Hiroyuki Ohno			KUZ0034US.NP			9296	
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nonprovisional	NO	\$1510	\$300		\$0		\$1810	01/07/2009		
EXAN	MINER	ART UNIT	CLASS-SUBCLASS	3						
COPPINS	S, JANET L	1626	548-335100							
1. Change of correspond CFR 1.363). Change of corresponders form PTO/S "Fee Address" in PTO/SB/47; Rev 03-Number is required	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.									
PLEASE NOTE: Ur recordation as set for (A) NAME OF ASSI	nless an assignee is ident th in 37 CFR 3.11. Com IGNEE	A TO BE PRINTED ON tified below, no assignee pletion of this form is NO	data will appear on the Ta substitute for filing (B) RESIDENCE: (C	ne pa g an a	tent. If an assignussignment. and STATE OR C	OUNT	TRY)			
Please check the approp	riate assignee category of	r categories (will not be p	rinted on the patent):	_	Individual 🖵 Co	orporati	ion or other private gro	up entity	Government	
4a. The following fee(s)	are submitted:	41	b. Payment of Fee(s): (se first reapply ar	ıy prev	viously paid issue fee	shown abo	ove)	
Issue Fee	No small entity discount	normittad)	☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached.							
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	atus (from status indicate	*	h Applicant is no	lone	er claiming SMAI	L.EN	ΓΙΤΥ status. See 37 Cl	FR 1 27(g)	(2)	
NOTE: The Issue Fee an	nd Publication Fee (if req	uired) will not be accepte ates Patent and Trademark	d from anyone other th	-	-					
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/590,549	08/23/2006	Hiroyuki Ohno	KUZ0034US.NP	9296	
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Licata & Tyrrell			COPPINS, JANET L		
66 East Main Stree			ART UNIT	PAPER NUMBER	
Marlton, NJ 08053			1626		
		DATE MAILED: 10/07/200	8		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 168 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 168 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
Madana Raha akiri	10/590,549	OHNO ET AL.	
Notice of Allowability	Examiner	Art Unit	
	JANET L. COPPINS	1626	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate communication is sufficient in sufficiency.	this application. If not included nication will be mailed in due cours	se. THIS
1. X This communication is responsive to Applicants' Amendment	<u>ent of 7/8/08</u> .		
2. ☑ The allowed claim(s) is/are <u>1 and 3-5</u> .			
 3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	e been received. e been received in Applicatior	n No	
Copies of the certified copies of the priority do	ocuments have been received	in this national stage application f	rom the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requirer	ments
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv 			CE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) ☐ including changes required by the Notice of Draftspers	son's Patent Drawing Review	(PTO-948) attached	
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date	's Amendment / Comment or	in the Office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the			x) of
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT 			the
Attachment(s)	5 Notice of Inf	ormal Patant Application	
 Notice of References Cited (PTO-892) D Notice of Draftperson's Patent Drawing Review (PTO-948) 		ormal Patent Application mmary (PTO-413),	
 Information Disclosure Statements (PTO/SB/08), 	Paper No./N	Mail Date Amendment/Comment	
Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit	_		20
of Biological Material	9. ☐ Other	Statement of Reasons for Allowand .	e .
/REI-TSANG SHIAO /			
Primary Examiner, Art Unit 1626			

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DETAILED ACTION

1. Claims 1 and 3-5 are currently pending in the instant application.

Response to Amendment

2. Applicants' Amendment and Response, submitted July 8, 2008, has been reviewed by the Examiner and entered of record in the file. Accordingly, claims 2 and 6 have been cancelled, and claims 1 and 4 have been amended.

Claim Rejections - 35 USC § 102

- 3. Claims 1-4 and 6 previously rejected under 35 U.S.C. 102(b) as being anticipated by JP 03-034270. In view of Applicant's amendatory changes to combine claims 1 and 2, the art rejection has been overcome and is withdrawn.
- 4. Claims 1-4 and 6 previously rejected under 35 U.S.C. 102(b) as being anticipated by Qiao et al, Journal of Molecular Catalysis A: Chemical. In view of Applicants' persuasive arguments and amendatory changes, the rejection is withdrawn.

REASONS FOR ALLOWANCE

5. In view of Applicant's amendatory changes and cancellations, claims 1 and 3-5 are allowable over the prior art, as newly renumbered claims 1-4. The following is an examiner's statement of reasons for allowance:

This invention relates to novel imidazolium compounds, and solvents containing them.

The allowable compounds are limited to ionic compounds according to formula (I) of claims 1 and 4, as well as solvents and electrolyte materials containing them. Certain imidazolium compounds are known in the art as having electrolyte ability, however the aspect of preparing the instant claimed imidazolium derivatives, with high ionic conductivity that do not affect the

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environment, is novel and unobvious. After a thorough search, the closest of prior art, JP 03-034270 to Iwahara et al was found to teach similar imidazolium derivatives as ionic solvents. However the JP document fails to teach or render obvious the instant claimed compounds according to formula (I).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JANET L. COPPINS whose telephone number is (571)272-0680. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph K. McKane can be reached on 571.272.0699. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

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information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/REI-TSANG SHIAO / Primary Examiner, Art Unit 1626

Janet L. Coppins September 30, 2008